

CLAIMS

5 1. An assembly comprising:

 a work cabinet having walls whose inside surfaces delimit
a work space that is adapted to receive an object to be
subjected to a chemical or physical condition; and

 a communication system that includes a first
10 communication device outside said work space, a radio
frequency antenna connected to said first communication
device, and a second communication device that is to be
associated with the object in said work space, said first
communication device communicating with said second
15 communication device via said antenna,

 wherein at least a part of one of said walls of said work
cabinet is transparent to a radio frequency used by said
antenna, said antenna being separated from said work space by
said at least a part of one of said walls.

20 2. The assembly of claim 1, wherein said at least a
part of one of said walls is an inside part of said one of
said walls and wherein said antenna is in said one of said
walls.

 3. The assembly of claim 1, wherein said at least a
25 part of one of said walls is an entire thickness of said one
of said walls and wherein said antenna is outside said one of
said walls.

 4. The assembly of claim 3, wherein said antenna is
carried by said one of said walls.

30 5. The assembly of claim 1, wherein said one of said
walls is movable between an open position that provides access
to said work space and a closed position that bars access to
said work space.

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5 6. The assembly of claim 5, wherein said work cabinet comprises an inside door and an outside door, and wherein said inside door is said one of said walls.

7. The assembly of claim 1, wherein said at least a part of one of said walls comprises a partition and a layer of
10 thermally insulating material.

8. The assembly of claim 1, wherein said second communication device is an identification transponder.

9. An assembly comprising:
a work cabinet that is thermostatically controlled and
15 that has walls whose inside surfaces delimit a work space that is adapted to receive an object ; and

a radio frequency communication system including an antenna that communicates by radio frequency waves with a communication device associated with the object in said work
20 space,

at least a part of one of said walls being transparent to the radio frequency waves, said antenna being outside said work space and separated from said work space by said at least a part of one of said walls.

25 10. An assembly comprising:
a work cabinet that has walls whose inside surfaces delimit a work space that is adapted to receive an object to be subjected to a chemical or physical condition; and

a radio frequency communication system including an antenna that is carried by said work cabinet and that communicates by radio frequency waves with a communication device associated with the object in said work space,

30 at least a part of one of said walls being transparent to the radio frequency waves, said antenna being separated from
35 said work space by said at least a part of one of said walls.

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